

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:


California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

- ☐ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification			
All respondents must complete this section.			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name		County	
Town of Truckee		Nevada County	
Authorized Signature		Title	
		Assistant to the Town Manager	
Type/Print Name of Person Signing		Date	Phone () Include Area Code
Alex Terrazas		11/30/01	(530) 582-7700
Person Completing This Form (please print or type)		Title	
Jim Greco		Owner/Principal	
Affiliation: California Waste Associates			
Mailing Address		City	State
P. O. Box 5177		El Dorado Hills	CA
E-mail address		ZIP Code	
igwaste@aol.com		95762	

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1995	2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The Town has experienced much growth since its incorporation in 1993. This growth has occurred in both the residential and non-residential sectors with the building of new homes and housing developments in addition to the installation of utility infrastructures (cable, power lines, sewers, bridges) and enhanced roads and turn-abouts. The Town is also a second home/vacation home and rental property destination. While the Town's diversion tonnage has increased dramatically so to has the disposal tonnage thereby inhibiting the attainment of its diversion goals. A new study year will more accurately quantify waste generation.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 10 %	Diversion rate calculated using new generation-based study	b. 53 %
For existing base year pounds/person/day based on generation	11.3 ppd	For new generation based study pounds/person/day based on generation	22.13
Residential generation 36 %	Non-Residential Generation 64 %	Residential generation 18% %	Non-Residential generation 82% %
Population existing generation-based study 11,300		Population new generation-based study 13,864	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

There is an increase in the diversion rate from 1995 to 2000. This is due to increased diversion of inert materials generated from growth and development in the Truckee area (utility infrastructure and new homes). There is also a significant increase in the per capita waste generation due to the addition of inerts in the waste generation study and the second home/vacation home/rental property use of these homes. In effect, the equivalent year round population of the Town is much greater than the reported population by the Department of Finance.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The increase is due to the grasscycling practiced at golf courses and parks (not previously documented); increased residential curbside collection of recyclables due to increased household participation; increased effectiveness of the ERL MRF; business recycling by grocers, and pharmacies not previously monitored; most significantly, notable diversion of inerts commenced by Teichert Aggregates in 1995 within the Town limits when the Eastern Regional Landfill closed; the implementation of an contract requirement by the Town prohibiting the disposal of road regrindings thus inducing the reuse of road grindings; and the allowance of combustible organics (chipped wood, bark, yard waste, green waste) to be used as a fuel in biomass plants in 2000.

7. Disposal Tonnage: (enter values)	6977	19365	26342
	Residential	Non-Residential	Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmb.ca.gov/igcentral/forms/rytmndrq.doc>)

☒ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmb.ca.gov/igcentral/forms/rytmndrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Residential Activities:					
Source Reduction					
Backyard composting	0	0.0%			
Grasscycling	0	0.0%			
Other Residential source reduction (list each program separately)					
Reuse/Exchange/Donations (1060)	188	0.3%		Please see Table 8 with requested data for 4 sources	Please see Table 8 with requested data for 4 sources
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	188	0.3%			
Recycling					
Curbside Recycling	1584	2.8%		Please see Table 8 with requested data	Please see Table 8 with requested data
Buyback centers	197	0.4%		Please see Table 8 with requested data	Please see Table 8 with requested data
Drop-off centers	602	1.1%		Please see Table 8 with requested data	Please see Table 8 with requested data

Diversion Activity	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmf.ca.gov/central/parts/codes/reduce.htm					
Other Residential recycling (list each program separately)					
White Goods (4030)	125	0.2%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	2508	4.5%			
Composting					
Green waste drop-off	223	0.4%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Curbside green waste					
Christmas Tree program					
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	223	0.4%			
Subtotal Residential Diversion	2919	5.2%			
Non-Residential Activities:					
Source Reduction					
Non-Residential Waste Audits*	0	0.0%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Other non-Residential source reduction (list each program separately)					
Grasscycling (1000)	1089	1.9%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	1089	1.9%			

Diversion Activity	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Recycling					
Non-Residential Waste Audits*	0	0.0%	See Section 9	See Section 9	See Section 9
Other non-Residential recycling (list each program separately)					
Other/Business Recycling (2090)	746	1.3%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Tire Recycling (4020)	115	0.2%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	861	1.5%			
Composting					
Non-Residential Waste Audits*	0	0.0%	See Section 9	See Section 9	See Section 9
Other non-Residential composting (list each program separately)					
Other/Chip & Grind, Manure (3070)	623	1.1%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Road Regrindings Reuse (4060)	7735	13.9%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Rendering (4090)	245	0.4%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Transformation/Biomass (8010)	4654	8.3%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Enter program name					
Subtotal Non-Residential Composting	13257	23.7%			
Subtotal Non-Residential Diversion	15207	27.2%			
Residential/Non-Residential Diversion Activities					
ADC	0	0.0%			
Sludge	0	0.0%			
Scrap metal	363	0.6%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Construction and demolition	11167	19.9%	Please see Table 8 with requested data	Please see Table 8 with requested data	Please see Table 8 with requested data
Landfill salvage					
Subtotal Residential/Non-Residential diversion	11530	20.6%			
Total Res/Non-Res Source Reduction Tons	1277	2.3%			
Total Diversion Tons	29856	53.0%			
Total Disposal Tons from Sec.7	26342	47.0%			
Total Generation Tons (Div+Dis)	55998				
Diversion Rate					
	53%				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities (Include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
Teichert Aggregates	9A	C&D Processing (broken asphalt, concrete, etc.)		9883		9883	17.6%	Onsite
Advanced Asphalt	9B	Road grindings reuse (overlay)		7735		7735	13.8%	Town Project
Biomass	9C	Chipped wood, yard waste fuel		4654		4654	8.3%	Onsite
ERL MRF Processing	9D	MRF Processing (inerts used as road base and structural enhancement at closed LF)		1284		1284	2.3%	Onsite
Coyote Moon Golf Course	9E	Grasscycling	515			515	0.9%	Onsite
ERL MRF Processing	9F	Wood, bark, yard waste chip & grind			573	573	1.0%	Onsite
Tahoe Donner Golf	9G	Grasscycling	368			368	0.7%	Onsite
ERL MRF Processing	9H	Scrap metals processing		363		363	0.6%	Onsite
Safeway	9I	Produce donations		247		247	0.4%	Mail
Ponderosa Golf Course	9J	Grasscycling	158			158	0.3%	Onsite
		Totals	1041	24166	573	25780	46.0%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

We referenced prior diversion studies, the diversion study guide to use previously used conversion factors, namely: grasscycling (0.1466 tons per week pr acre for a 27 week period when the golf course was being used), yard/garage sales (700 pounds per event times the number of ads per week times the 13 weeks), donations estimated by the Multiple Sclerosis Society as 19 truckloads per year times 1.87 tons per truckload), ERL MRF estimated share of diverted tonnage from Truckee as 37.4%, yard waste dropoff at Tahoe Donner estimated by volume then used 200 pounds per cubic yard, manure composting (12-15 pounds per day per horse), and tire recycling (20 pounds per tire).

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids ▼	Teichert Aggregates Recycling Product Made from Inert Solids	1995	9883
Inert Solids ▼	Town Overlay Project Road Regrindings Reuse	2000	7735
Inert Solids ▼	ERL MRF Processing of Broken Concrete as Road Base, Support	1995	1284
Scrap Metal ▼	ERL MRF Processing and Marketing of Scrap Metals	1995	363
White Goods ▼	ERL MRF Processing White Goods	1995	125
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (**Note**: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				